**Protein Expression Service Application Form**

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| **Protein Information** | |
| Protein Name |  |
| Uniprot ID | - |
| Species |  |
| Molecular Weight |  |
| Protein sequence |  |
| Subcellular Location | □ Nucleus □Membrane □Secreted  □Cytoplasm □Other |
| Protein property | □Enzyme □Protease □Toxic □Prone to aggregation  □Prone to degradation □Insoluble □Others |
| Intended Use | □Activity Study □Structural research □Antigen  □Drug Screening □Cell-based experiment □In vitro experiment □In vivo experiment □Others |
| **Expression and Purification requirement** | |
| Gene Information | □Gene synthesis (□ Yes □No codon optimized)  □Customer provides expression plasmid  □Others |
| Plasmid Information | Vector:  Size:  Cloning site:  Antibiotics:  Tag selection: □His □GST □SUMO □Trx □Others  □ N端 □ C端 □Others |
| Expression system | □E. coli □293 cell □Others |
| Tag removal | □Yes □No |
| Refolding | □Yes □No |
| Protein require | □Amount (mg): (□Standard Package 3~5 mg)  □Concentration:  □Purity (%): (□ >85%) |
| Special require | □Endotoxin level (EU/μg):  □Other- N/A |
| Final form | □Liquid (Sterile filtration: □ Yes-protein sample may loss due to sterile filtration or □No )  □Lyophilization  □PBS (pH7.4)  □Other: |
| Others |  |
| **If you have experience in expressing your target protein, please provide the following information and also provide SDS-PAGE /Western Blot evidence:** | |
| E. coli system: | |
| Is the protein an inclusion body in E.coli system? | □Yes  □No |
| Refresh Ratio/temperature |  |
| Induction initial OD |  |
| IPTG concentration |  |
| Induction temperature/time |  |
| Purification | □Column:  □Buffer:  □Denature agent and protocol:  □Imidazole concentration in wash/elute buffer:  Other problems (degraded product?): |
| Dialysis | □Buffer base/addictive agent (GE: Vivaspin 6, 50kDa MWCO)  □Other problems |
| Others |  |